Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	51	("4511196" "5526565" "5615088" "3816911" "4370515" "5891509" "5304886" "5677515" "4138924" "4292120" "4359516" "4475145" "4755417" "4801905" "4979985" "5196819" "5214250" "5389122" "5429657" "5660781" "6108205" "6134117" "6460170" "4337453" "4396935" "4420877" "4546543" "4564880" "4626462" "4632485" "5313368" "3808679" "4340793" "4392181" "4411149" "4485382" "4498047" "4528748" "4585121" "4593463" "4781969" "4794446" "4846702" "4912437" "4918374" "4932873" "4972295" "5008614" "5011627" "5194015").pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 10:32
L2	34	("4781969").URPN.	USPAT	OR	ON	2005/10/11 10:36

| L3 | 126 | ("3611317" \| "3629787" \| "3643135" \| "3949274" \| "4202007" \| "4249302" \| "4271588" \| "4289922" \| "4371744" \| "4453176" \| "4480288" \| "4489363" \| "4499607" \| "4502098" \| "4509099" \| "4525921" \| "4547834" \| "4574331" \| "4581679" \| "4601526" \| "4631636" \| "4638348" \| "4640010" \| "4648179" \| "4679118" \| "4688151" \| "4695872" \| "4716259" \| "4718163" \| "4721831" \| "4727410" \| "4733461" \| "4739444" \| "4743568" \| "4770640" \| "4771366" \| "4774630" \| "4781969" \| "4800461" \| "4801992" \| "4803595" \| "4807021" \| "4811082" \| "4841355" \| "4855809" \| "4855871" \| "4858073" \| "4862249" \| "4866508" \| "4868712" \| "4871317" \| "4873764" \| "4884167" \| "4894706" \| "4899439" \| "4901136" \| "4902637" \| "4910643" \| "4922059" \| "4922378" \| "4930002" \| "4931134" \| "4937659" \| "4937707" \| "4939568" \| "4953005" \| "4953060" \| "4956695" \| "4956746" \| "4956749" \| "4958258" \| "4963697" \| "4965702" \| "4970577" \| "4983533" \| "4984132" \| "4991000" \| "4992908" \| "4996587" \| "5003376" \| "5006920" \| "5006925" \| "5007841" \| "5010448" \| "5016138" \| "5019945" \| "5025306" \| "5027253" \| "5031072" \| "5032896" \| "5034569" \| "5049982" \| "5051865" \| "5053856" \| "5055907" \| "5060116" \| "5061990" \| "5065277" \| "5081563" \| "5089880" \| "5102828" \| "5121297" \| "5132613" \| "5142448" \| "5144532" \| "5155661" \| "5177594" \| "5204806" \| "5222014" \| "5237204" \| "5258330" \| "5278724" \| "5309324" \| "5334804" \| "5346861" \| "5347159" \| "5349501" \| "5355282" \| "5357400" \| "5362656" \| "5396034" \| "5404273" \| "5419038" \| "5426565" \| "5435733").PN. OR ("5479110").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/11 10:38 |
| L4 | 0 | 83/864.ccls. and (board substrate plate) same (milling$1cutter milling imprint$3 press$3 stamp$3) with (groove channel corrugat$3) with (flex$4 bend$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/10/11 12:00 |

L5	0	83/864.ccls. and (board substrate plate) with (groove channel corrugat$3) with (flex$4 bend$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 12:00
L6	13	83/864.ccls. and (board substrate plate) with (groove channel corrugat$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 12:01
L7	194	"83"/$ and (board substrate plate) with (groove channel corrugat$3) with (flex$4 bend$3 fold$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 12:02
L8	14	"83"/$ and (board substrate plate) with (groove channel corrugat$3) with (flex$4 bend$3 fold$4) and roll with (teeth strip)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 12:07
L9	21	"83"/$ and (board substrate plate) with (groove channel corrugat$3) with (flex$4 bend$3 fold$4) and (roller roll) with (teeth strip)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 12:13
L10	15	("1316056" | "1561022" | "1834919" | "3376773" | "3741053" | "3787947" | "4664007" | "4773284" | "5461893" | "5870919" | "6128940").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/11 12:06
L11	1	("6324953").URPN.	USPAT	OR	ON	2005/10/11 12:07
L12	5	("4982482").URPN.	USPAT	OR	ON	2005/10/11 12:07
L13	71	("0911168" | "0959192" | "1055221" | "1214210" | "1379088" | "1587326" | "1744896" | "1806180" | "2498021" | "2503970" | "3111285" | "3369937" | "3410725" | "3556854" | "3607440" | "3621543" | "3686916" | "3753783" | "3758340" | "3791874" | "3853626" | "3894886" | "3915751" | "3951688" | "4048386" | "4109064" | "4144927" | "4170928" | "4196757" | "4199849" | "4241629" | "4247970" | "4271586" | "4275629" | "4299259" | "4318430" | "4342342" | "4349067" | "4351891" | "4417608" | "4427748" | "4460666" | "4464961" | "4469145" | "4499929" | "4509253" | "4510682" | "4539273" | "4539274" | "4546053" | "4547236" | "4587183" | "4606383" | "4657799" | "4742611").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/11 12:08
L14	4	("4417608").URPN.	USPAT	OR	ON	2005/10/11 12:11
L15	3	("4848201").URPN.	USPAT	OR	ON	2005/10/11 12:12

L16	30	"29"/$.ccls. and (board substrate plate) with (groove channel corrugat$3) with (flex$4 bend$3 fold$4) and (roller roll) with (teeth strip)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 12:19
L17	42	("2974377" | "3105274" | "3280523" | "3283890" | "3427366" | "3445436" | "3478483" | "3657900" | "3674743" | "3768223" | "3775914" | "3867107" | "3919023" | "3923748" | "4015394" | "4057945" | "4063002" | "4069630" | "4109431" | "4153594" | "4222213" | "4269255" | "4270688" | "4431691" | "4574553" | "4590240" | "4780521" | "4807419" | "4807439" | "4808452" | "4817354" | "4831799" | "4850175" | "4873803" | "4933032").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/11 12:15
L18	7	("4984673").URPN.	USPAT	OR	ON	2005/10/11 12:18
L19	1	"174"/$.ccls. and (board substrate plate) with (groove channel corrugat$3) with (flex$4 bend$3 fold$4) and (roller roll) with (teeth strip)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 12:20
L20	1	"174"/$.ccls. and (board substrate plate) with (groove channel corrugat$3 slit trench cutout undercut$4) with (flex$4 bend$3 fold$4) and (roller roll) with (teeth strip)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 12:21
L21	13	"83"/$.ccls. and (board substrate plate) with (groove channel corrugat$3 slit trench cutout undercut$4) with (flex$4 bend$3 fold$4) and (roller roll) with (teeth strip)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 12:22
L22	5	"83"/$.ccls. and (board substrate plate) with (groove channel corrugat$3 slit trench cutout undercut$4) with (flex$4 bend$3 fold$4) and (roller roll drum blade) with (teeth strip) near4 (multiple plurality)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 12:23
L23	4	"83"/$.ccls. and (board substrate plate) with (groove channel corrugat$3 slit trench cutout undercut$4 slot score$1line depression score street) with (flex$4 bend$3 fold$4) and (roller roll drum blade) with (teeth strip) near4 (multiple plurality)	USPAT; EPO; JPO	OR	ON	2005/10/11 12:25

L24	6	"29"/$.ccls. and (board substrate plate) with (groove channel corrugat$3 slit trench cutout undercut$4 slot score$1line depression score street) with (flex$4 bend$3 fold$4) and (roller roll drum blade) with (teeth strip) near4 (multiple plurality)	USPAT; EPO; JPO	OR	ON	2005/10/11 12:26
L25	1	"361"/$.ccls. and (board substrate plate) with (groove channel corrugat$3 slit trench cutout undercut$4 slot score$1line depression score street) with (flex$4 bend$3 fold$4) and (roller roll drum blade) with (teeth strip) near4 (multiple plurality)	USPAT; EPO; JPO	OR	ON	2005/10/11 12:26
L26	924	(board substrate plate) with (groove channel corrugat$3 slit trench cutout undercut$4 slot score$1line depression score street) with (flex$4 bend$3 fold$4) and (roller roll drum blade) with (teeth strips protrusions)	USPAT; EPO; JPO	OR	ON	2005/10/11 12:27
L27	50	(print$3 circuit wiring) near3 (board substrate plate) with (groove channel corrugat$3 slit trench cutout undercut$4 slot score$1line depression score street) with (flex$4 bend$3 fold$4) and (roller roll drum blade) with (teeth strips protrusions)	USPAT; EPO; JPO	OR	ON	2005/10/11 12:33
L28	110	(print$3 circuit wiring) near3 (board substrate plate) with (groove channel corrugat$3 slit trench cutout undercut$4 slot score$1line depression score street scrib$3) and (area region section portion) near3 (flex$4 bend$4 bent fold$4) and (roller roll drum blade) with (teeth strips protrusions)	USPAT; EPO; JPO	OR	ON	2005/10/11 14:15
L29	23	("5161009").URPN.	USPAT	OR	ON	2005/10/11 12:43
L30	11	("4766811").URPN.	USPAT	OR	ON	2005/10/11 12:48
L31	13	("3930115" | "5161009" | "5196268" | "5345205" | "5347159" | "5362656" | "5375041" | "5382829" | "5442231" | "5448511" | "5849608" | "5858815" | "5895965").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/11 12:49
L32	11	("4811165" | "4958260" | "5101322" | "5103375" | "5159751" | "5170326" | "5179501" | "5216581" | "5220488" | "5229916" | "5265322").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/11 15:05

L33	26	(board substrate plate panel) with (groove channel corrugat$3 slit trench cutout undercut$4 slot score$1line depression score street scrib$3 notch) and (area region section portion) near3 (flex$4 bend$4 bent fold$4 pivot$3) and (roller roll drum blade) with (teeth strips protrusions) and (conduct$3 metal$3) near4 (layer film trace line) near4 (thick thickness)	USPAT; EPO; JPO	OR	ON	2005/10/11 16:02
L34	132	(print$3 wiring circuit) near4 (board substrate plate panel) with (groove channel corrugat$3 slit trench cutout undercut$4 slot score$1line depression score street scrib$3 notch) and (area region section portion) near3 (flex$4 bend$4 bent fold$4 pivot$3) and (conduct$3 metal$3) near4 (layer film trace line) near4 (thick thickness)	USPAT; EPO; JPO	OR	ON	2005/10/11 15:30
L37	5998	(board substrate plate panel) with (groove channel corrugat$3 slit trench cutout undercut$4 slot score$1line depression score street scrib$3 notch) and (area region section portion) near3 (flex$4 bend$4 bent fold$4 pivot$3) and (roller roll drum blade tool mill$3 wheel$2) with (teeth strips protrusions)	USPAT; EPO; JPO	OR	ON	2005/10/11 16:04
L38	232	(print$3 wiring circuit) near4 (board substrate plate panel) with (groove channel corrugat$3 slit trench cutout undercut$4 slot score$1line depression score street scrib$3 notch) and (area region section portion) near3 (flex$4 bend$4 bent fold$4 pivot$3) and (roller roll drum blade tool mill$3 wheel$2) near5 (teeth strips protrusions tips)	USPAT; EPO; JPO	OR	ON	2005/10/11 16:08
L39	267	"83"/$ and (groove channel corrugat$3 slit trench cutout undercut$4 slot score$1line depression score street scrib$3 notch) same (area region section portion) near3 (flex$4 bend$4 bent fold$4 pivot$3) and (roller roll drum blade tool mill$3 wheel$2) near5 (teeth strips protrusions tips)	USPAT; EPO; JPO	OR	ON	2005/10/11 16:08
L40	9	("4073177").URPN.	USPAT	OR	ON	2005/10/11 16:15
S1	13	lopez.in. and printed.ti.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/07 10:12

S2	7	printed.ti. and milling with bend$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/07 10:14
S3	91	(print$3 wiring) near3 (board substrate plate) same (milling$1cutter corrugat$3 milling) with (flex$4 bend$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/07 10:38
S4	1	"5785532".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/07 10:35
S5	1	"5805402".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/07 10:36
S6	1	"4243081".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/07 10:36
S7	10	("4243081").URPN.	USPAT	OR	ON	2005/10/07 10:36
S8	240	(print$3 wiring) near3 (board substrate plate) same (milling$1cutter milling imprint$3 press$3 stamp$3) with (groove channel corrugat$3) same (flex$4 bend$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/07 10:40
S9	131	(print$3 wiring) near3 (board substrate plate) same (milling$1cutter milling imprint$3 press$3 stamp$3) with (groove channel corrugat$3) with (flex$4 bend$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 11:59
S10	12	("3350250" | "3518130" | "3597834" | "3701317" | "4388865" | "5127330" | "5201268" | "5398400" | "5408053" | "5436412").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/07 10:44
S11	20	("5609704").URPN.	USPAT	OR	ON	2005/10/07 10:44
S12	20	("2303395" | "4853590" | "4896149" | "5036317" | "5077553" | "5272472" | "5313223" | "5412867" | "5514503" | "5540147" | "5544582" | "5609704" | "5624775" | "5678483" | "5701815" | "5840465" | "5846366" | "5853446" | "6251208").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/07 10:46
S13	82	(print$3 wiring) near3 (board substrate) same (milling$1cutter milling imprint$3 press$3 stamp$3) with (groove channel corrugat$3) with (formation pattern$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/07 10:54

S14	3	(print$3 wiring) near3 (board substrate) with (flex$3 bend$3) and (board substrate) with (milling$1cutter milling imprint$3 press$3 stamp$3 corrugat$3) with (groove channel) with (formation pattern$3)	USPAT; EPO; JPO	OR	ON	2005/10/07 10:56
S15	15	(print$3 wiring) near3 (board substrate) with (flex$3 bend$3) and (board substrate) with (milling$1cutter mill$3 cut cutting forming form imprint$3 stamp$3 corrugat$3) with (groove channel) with (formation pattern$3)	USPAT; EPO; JPO	OR	ON	2005/10/07 11:19
S16	10	("2910628" | "3221286" | "3376479" | "3716846" | "3780430" | "3971127" | "4335272").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/07 11:00
S17	8	("4335272").URPN.	USPAT	OR	ON	2005/10/07 11:01
S18	10	("4993148" | "5081562" | "5144534" | "5263248" | "5288950" | "5362547" | "5378306" | "5398128" | "5419038" | "5518674").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/07 11:03
S19	6	("4597635" | "4684974" | "4887149" | "4949158" | "4967260" | "5018005").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/07 11:04
S20	10	("5398128").URPN.	USPAT	OR	ON	2005/10/07 11:07

S21	81	("2808352" | "3148310" | "3205299" | "3320658" | "3334040" | "3359145" | "3362005" | "3421961" | "3475213" | "3491056" | "3541222" | "3680037" | "3774232" | "3789274" | "3795047" | "3823252" | "3883213" | "3885173" | "3904934" | "3971610" | "3982320" | "4037047" | "4064357" | "4064622" | "4064623" | "4065197" | "4109377" | "4113981" | "4261042" | "4457796" | "4508399" | "4508990" | "4511757" | "4554033" | "4581679" | "4610756" | "4628022" | "4629681" | "4642160" | "4654552" | "4659872" | "4709300" | "4713494" | "4729809" | "4735847" | "4744850" | "4771537" | "4778635" | "4788766" | "4800461" | "4812213" | "4814040" | "4873123" | "4926549" | "4928206" | "4945029" | "5004639" | "5019944" | "5041183" | "5044053" | "5046238" | "5072074" | "5084961" | "5095628" | "5102343" | "5121297" | "5136365" | "5175047" | "5206463" | "5326732").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/07 11:07
S22	51	("5428190").URPN.	USPAT	OR	ON	2005/10/07 11:09
S23	19	(print$3 wiring circuit) near3 (board substrate) with (fold$3 curv$3 bend$3) and (board substrate) with (milling$1cutter mill$3 cut cutting forming form imprint$3 stamp$3 corrugat$3) with (groove channel slot score$1line) with (formation pattern$3) and (fold$3 curv$3 bend$3) near3 (area section portion part)	USPAT; EPO; JPO	OR	ON	2005/10/07 11:25
S24	55	(print$3 wiring circuit) near3 (board substrate) with (fold$3 curv$3 bend$3) and (board substrate) with (groove channel slot score$1line) with (formation pattern$3) and (fold$3 curv$3 bend$3) near3 (area section portion part) and (milling$1cutter mill$3 cut cutting forming form imprint$3 stamp$3 corrugat$3)	USPAT; EPO; JPO	OR	ON	2005/10/07 11:30

S25	78	(print$3 wiring circuit) near3 (board substrate) with (fold$3 curv$3 bend$3) and (board substrate) with (groove channel slot score$1line) with (fold$3 curv$3 bend$3) near3 (area section portion part) and (milling$1cutter mill$3 cut cutting forming form imprint$3 stamp$3 corrugat$3) with (groove channel slot score$1line)	USPAT; EPO; JPO	OR	ON	2005/10/07 18:16
S26	23	("4404059" | "5103375" | "5159751" | "5170326" | "5179501" | "5216581" | "5265322" | "5276418" | "5386341" | "5416278" | "5434362" | "5754409" | "5925298" | "5998738" | "6099745" | "6256203" | "6292370" | "6320128" | "6483037" | "6483713" | "6501661" | "6528736" | "6711024").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/07 11:35
S27	26	("5434362").URPN.	USPAT	OR	ON	2005/10/07 11:40
S28	11	("4811165" | "4958260" | "5101322" | "5103375" | "5159751" | "5170326" | "5179501" | "5216581" | "5220488" | "5229916" | "5265322").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/07 11:41
S29	1	("5925298").URPN.	USPAT	OR	ON	2005/10/07 11:42
S30	12	("2998475" | "3255299" | "4110396" | "4621882" | "4769199" | "4841100" | "4899543" | "5044980" | "5151152" | "5486324").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/07 11:42
S31	4	("3255299").URPN.	USPAT	OR	ON	2005/10/07 11:43
S32	68	(print$3 wiring circuit) near3 (board substrate) with (fold$3 curv$3 bend$3) and (board substrate) with (groove channel slot score$1line) with (fold$3 curv$3 bend$3) near3 (area section portion) and (grind$3 mill$3 cut cutting forming form imprint$3 stamp$3 corrugat$3) with (groove channel slot score$1line trench depression score street)	USPAT; EPO; JPO	OR	ON	2005/10/07 18:23

S33	5	(print$3 wiring circuit) near3 (board substrate) with (fold$3 curv$3 bend$3) and (groove channel slot score$1line trench depression score street) with (fold$3 curv$3 bend$3) near3 (area section portion) and (grind$3 mill$3 cut cutting forming form imprint$3 stamp$3 corrugat$3) with (groove channel slot score$1line trench depression score street) and (fold$3 curv$3 bend$3) with stack$3	USPAT; EPO; JPO	OR	ON	2005/10/07 18:26
S34	9	(print$3 wiring circuit) near3 (board substrate) with (fold$3 curv$3 bend$3) and (groove channel slot score$1line trench depression score street) with (fold$3 curv$3 bend$3) near3 (area section portion) and (fold$3 curv$3 bend$3) with stack$3	USPAT; EPO; JPO	OR	ON	2005/10/07 18:26
S35	202	(print$3 wiring circuit) near3 (board substrate) with (fold$3 curv$3 bend$3) and (groove channel slot score$1line trench depression score street) with (fold$3 curv$3 bend$3) near3 (area section portion) and (grind$3 mill$3 cut cutting forming imprint$3 stamp$3 corrugat$3)	USPAT; EPO; JPO	OR	ON	2005/10/07 18:35
S36	34	"174"/$ and (print$3 wiring circuit) near3 (board substrate) with (fold$3 curv$3 bend$3) and (groove channel slot score$1line trench depression score street) with (fold$3 curv$3 bend$3) near3 (area section portion region)	USPAT; EPO; JPO	OR	ON	2005/10/07 18:39
S37	52	"361"/$ and (print$3 wiring circuit) near3 (board substrate) with (fold$3 curv$3 bend$3) and (groove channel slot score$1line trench depression score street) with (fold$3 curv$3 bend$3) near3 (area section portion region)	USPAT; EPO; JPO	OR	ON	2005/10/07 18:41
S38	24	"29"/$.ccls. and (print$3 wiring circuit) near3 (board substrate) with (fold$3 curv$3 bend$3) and (groove channel slot score$1line trench depression score street) with (fold$3 curv$3 bend$3) near3 (area section portion region) not S37	USPAT; EPO; JPO	OR	ON	2005/10/07 18:45

S39	4	"264"/$.ccls. and (print$3 wiring circuit) near3 (board substrate) with (fold$3 curv$3 bend$3) and (groove channel slot score$1line trench depression score street) with (fold$3 curv$3 bend$3) near3 (area section portion region) not S37	USPAT; EPO; JPO	OR	ON	2005/10/07 18:46
S40	10	"257"/$.ccls. and (print$3 wiring circuit) near3 (board substrate) with (fold$3 curv$3 bend$3) and (groove channel slot score$1line trench depression score street) with (fold$3 curv$3 bend$3) near3 (area section portion region) not S37	USPAT; EPO; JPO	OR	ON	2005/10/07 18:47
S41	1	"5028986".pn.	USPAT; EPO; JPO	OR	ON	2005/10/07 18:47

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